

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: February 8, 1996
Date Received: February 7, 1996
Project: Hanford (Sand Blast Booth), PO #M52175
Date Samples Extracted: January 7, 1996
Date Extracts Analyzed: January 7, 1996

**RESULTS FROM THE ANALYSIS OF THE SLAG SAMPLE
FOR FINGERPRINT CHARACTERIZATION
BY INDUCTIVELY COUPLED PLASMA (ICP)
EMISSION SPECTROSCOPY
Samples Processed Using Method 3050**

Sample ID

M52175

ICP Characterization

The ICP emission spectroscopy trace showed the presence of the following metals at the approximate level indicated.

Aluminum (290 ppm)	Nickel (4 ppm)
Antimony (120 ppm)	Palladium (NA)
Arsenic (120 ppm)	Phosphorous (60 ppm)
Barium (39 ppm)	Platinum (<25 ppm)
Beryllium (<1 ppm)	Potassium (NA)
Boron (<50 ppm)	Rhenium (<25 ppm)
Cadmium (2 ppm)	Selenium (<100 ppm)
Calcium (9 ppm)	Silicon (1,800 ppm)
Chromium (8 ppm)	Silver (1 ppm)
Cobalt (12 ppm)	Sodium (260 ppm)
Copper (830 ppm)	Strontium (13 ppm)
Gold (<10 ppm)	Thallium (<100 ppm)
Iron (19,000 ppm)	Tin (<10 ppm)
Lead (390 ppm)	Titanium (36 ppm)
Lithium (NA)	Uranium (NA)
Magnesium (370 ppm)	Vanadium (2 ppm)
Manganese (100 ppm)	Yttrium (NA)
Mercury (<25 ppm)	Zinc (3,000 ppm)
Molybdenum (76 ppm)	Zirconium (<100 ppm)

NA - Not analyzed.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

February 8, 1996

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

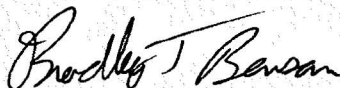
Enclosed are the results from the testing of material submitted on February 7, 1996 from your Hanford (Sand Blast Booth), PO #M52175 project.

The metals found in sample M52175 are consistent with a sand blast grit.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson
Chemist

keh
Enclosures
FAX: 382-7335
ACU0208R.DOC

BTB BI
2.7.96
9.35

Send Report To: Alaskan Copper Work Contact: GERALD Thompson
Company: 628 HANCOCK
Address: Seattle
City, State, Zip: 206 382-8379 Date: 2-7-96

PROJECT NAME		PURCHASE ORDER #	
HAWGARD (Sand Blast Treat)		M 52175	
ANALYSTS (signature)		PROJECT LOCATION	
[Signature]		80 S. Hudson	
REMARKS		SAMPLE DISPOSAL INFORMATION	
		<input type="checkbox"/> Dispose after 30 days <input checked="" type="checkbox"/> Return Samples <input type="checkbox"/> Call for Instructions	

[illegible]

SIGNATURE	PRINT NAME	COMPANY	Date	Time
<i>[Signature]</i>	GERARD Thompson	A.C.W	2/7/96	9:25 AM
<i>[Signature]</i>	C. DOWNING	FABT	2/7/96	9:25